

Strategic Workforce Initiative

2017 Funding Recommendations and Overview

During the 2016 legislative session, the Utah State Legislature adopted Senate Bill 103, which allows for appropriations to fund stackable credential programs. The purpose of this legislation, known as the Strategic Workforce Initiative (SWI), is to provide resources for the establishment of educational pathway partnerships that serve regional industry workforce needs. These pathway programs provide workforce for high-growth, high-demand occupations.

SWI statute outlines how applications are to be approved. A working group of the Higher Education Appropriations Subcommittee was created. It included three senators, two representatives and the executive director of the Governor's Office of Economic Development. The working group reviewed and scored the applications separately, then convened to rank the applications.

Applications were judged on the following criteria:

- Does the project serve one of the strategic industry clusters?
- Does the application clearly define a stackable credential pathway?
- Does the application have clearly defined "on-ramps" and "off-ramps" for students?
- Does the project have a qualifying partnership involving at least two of the following: K-12, UCAT and/or USHE?
- Does the project meet regional industry demand, and identify types of jobs available to graduates?

The working group narrowed the applications from 16 to six. Below are descriptions of each application and recommended funding.

Also included is a list of all 16 applications, including final rankings. The total amount recommended for funding is \$1,140,799 in ongoing funds, with \$591,161 in one-time funds. It should be noted that there was \$495,000 in ongoing funding available from the prior year.

Applications Recommended for Funding

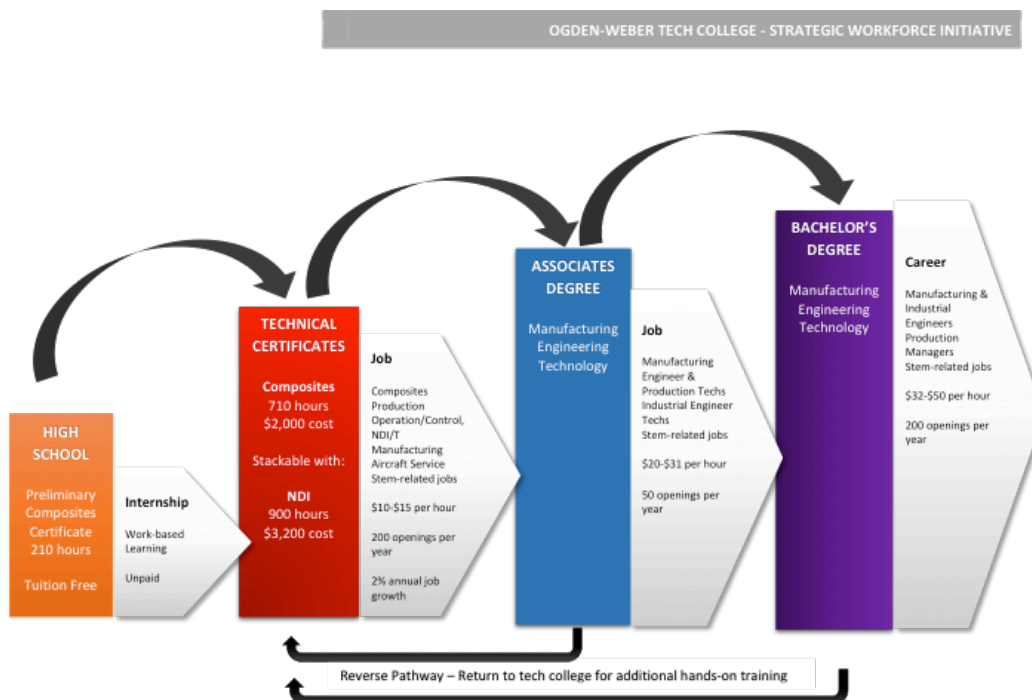
Institution: Ogden Weber Applied Technology College

Consortium: Ogden School District

Requested Funding: \$220,449 Ongoing, \$340,586 One-time

Application Title: Utah Aerospace Pathways Expansion

Overview: OWATC is working with the Ogden School District to expand the Utah Aerospace Pathways program. This stackable credential program offers high school students an opportunity to get hands-on composites experience, receive an internship in industry and stackable credits towards certificates that lead to meaningful employment.



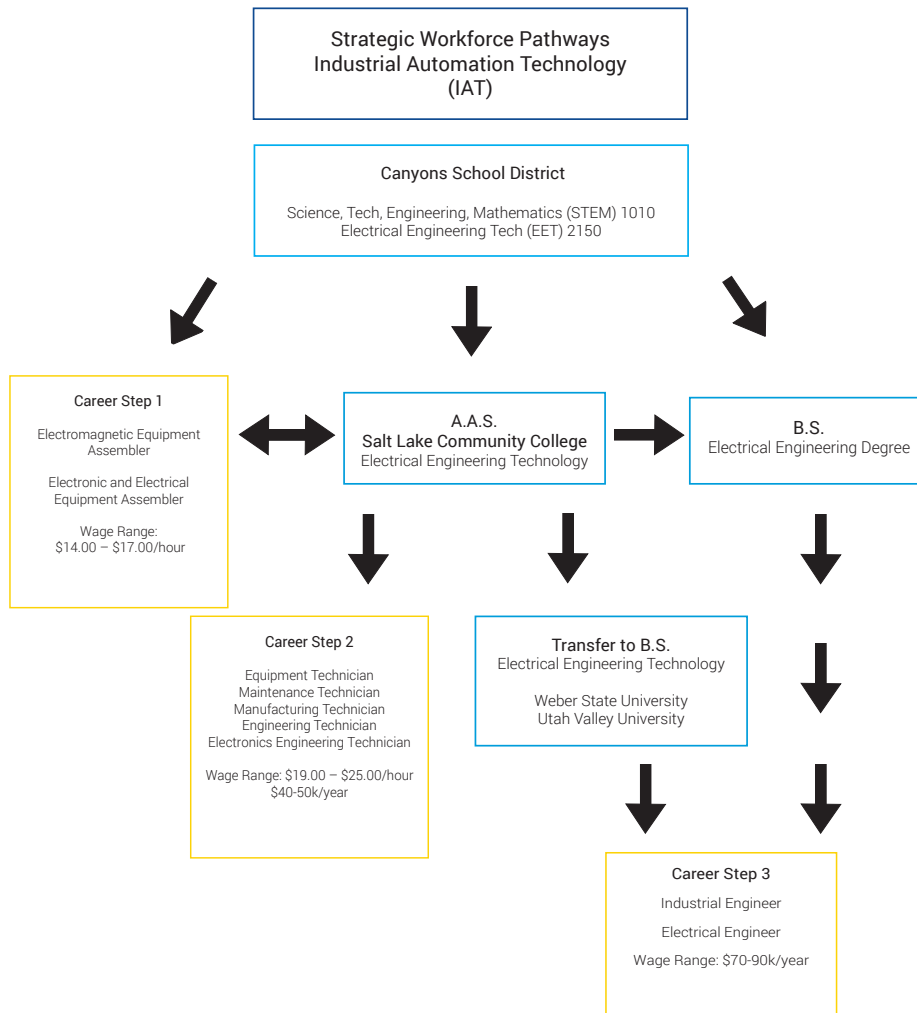
Institution: Salt Lake Community College

Consortium: Canyons School District

Requested Funding: \$173,000 Ongoing, \$36,000 One-time

Application Title: Industrial Automation Technician Pathway

Overview: This partnership will provide Canyons School District students the opportunity to earn credits towards a certificate while still in high school and then continue their education at Salt Lake Community College or enter the workforce. This pathway will allow students multiple entry and exit points into industrial automation and electrical engineering.



Institution: Granite School District

Consortium: Salt Lake Community College

Requested Funding: \$99,350 Ongoing, \$214,575 One-time

Application Title: Manufacturing and Composites for Aerospace Industry

Overview: This partnership will allow students to get credit in the Granite School District and stackable credentials for Salt Lake Community College. It will help students develop skills that will serve the composites aerospace industry, allowing students to start careers in this high-growth industry.

Sequence of Courses

As noted on page 4 of the SWI proposal, industry focus groups identified a course sequence to be used in secondary schools that is directly tied to courses at the college level. Secondary courses include:

Foundation Manufacturing Courses

Manufacturing Technology
9th Grade in Junior/High Schools
(suggested/not required)

Manufacturing Principles 1
10th – 12th Grades in High Schools
(Required for UAP Externship)

Manufacturing Principles 2
10th – 12th Grades in High Schools
(suggested/not required)

Composites I
10th – 12th Grades in High Schools
(Required for UAP Externship)
*Aligns with SLCC course –
Introduction to Composites, Level 1*

SLCC – Advanced Composites
(60 hours including composites and
machining)

Externships
48 hours in UAP Partners
(Required for UAP certification)

Academic Coursework
Concurrent enrollment course
offerings that meets stackable
credential requirements

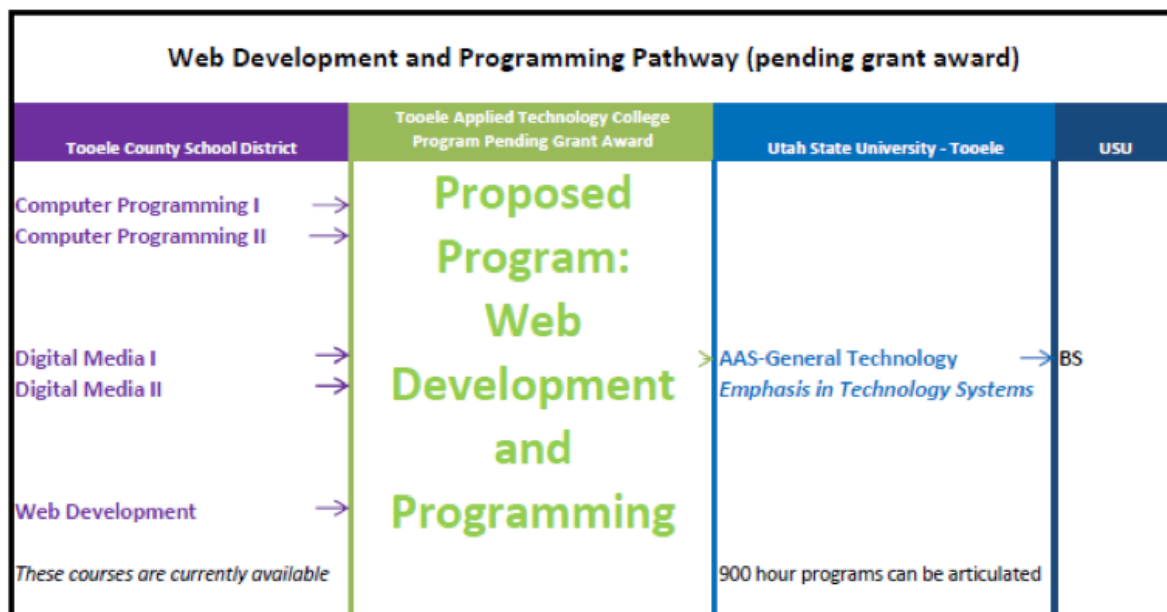
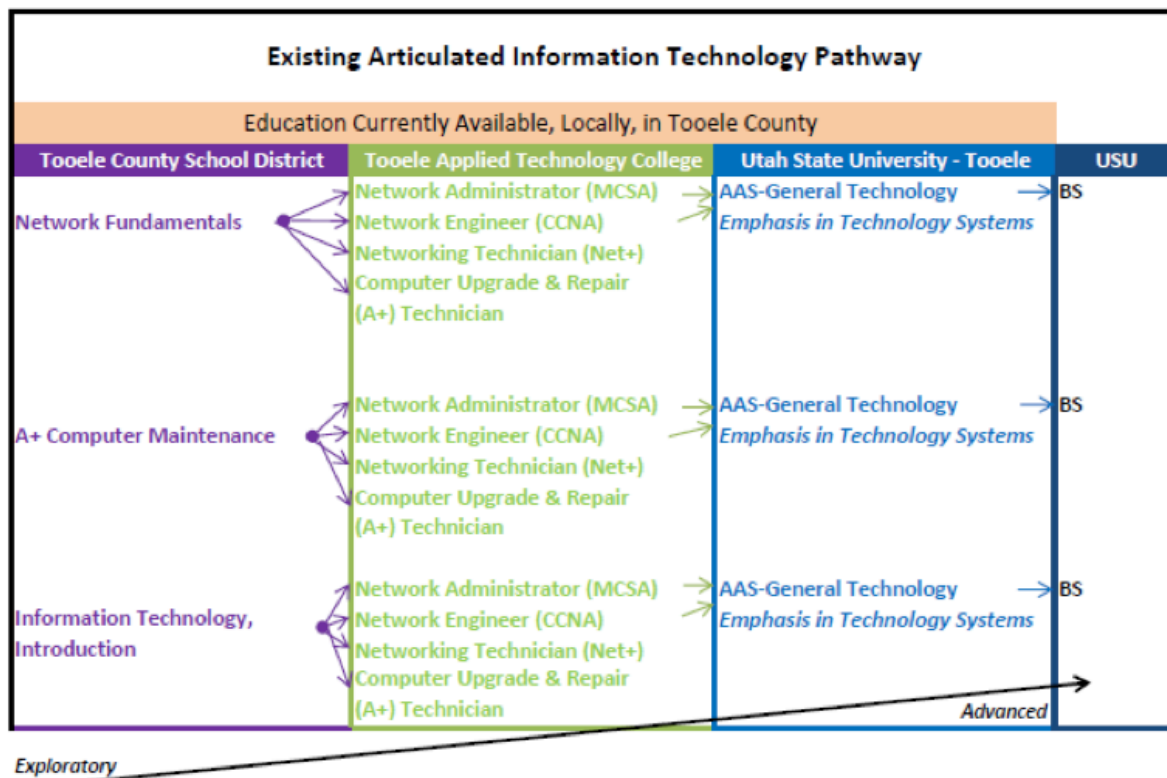
Institution: Tooele Applied Technology College

Consortium: Utah State University, Tooele School District

Requested Funding: \$250,000 Ongoing

Application Title: Web Development and Programming

Overview: This program will allow high school students to earn credits that stack into the Web Development and Programming pathway at Toole Applied Technology College. The credits these students earn will also be applicable to USU - Tooele programs. This program will help to fill the need for more computer science talent in the state.



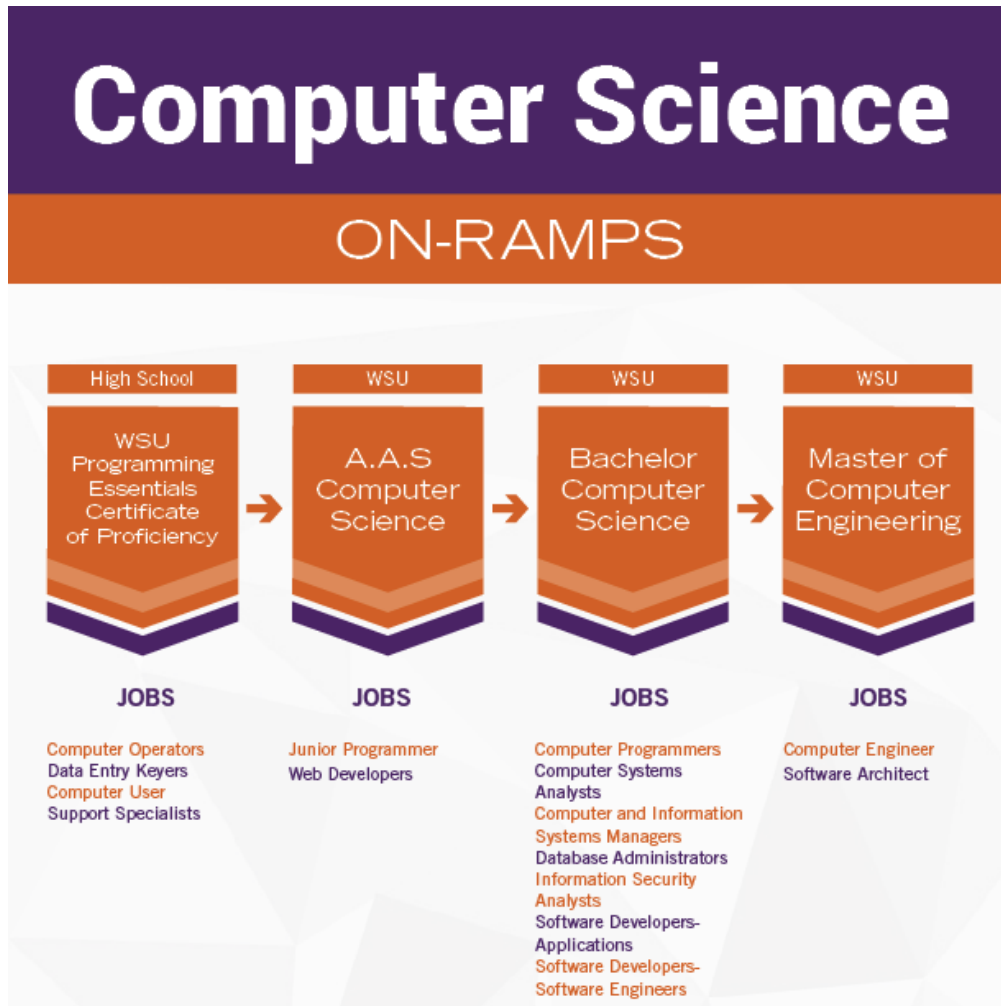
Institution: Weber State University

Consortium: Davis, Morgan, Weber and Ogden School Districts, NUAMES

Requested Funding: \$285,000 Ongoing

Application Title: Computer Science Pathway

Overview: Computer science occupations are some of the fastest growing in the state. This partnership provides students in the school districts around Weber State University the opportunity to get credit in high school that will count toward college credit.



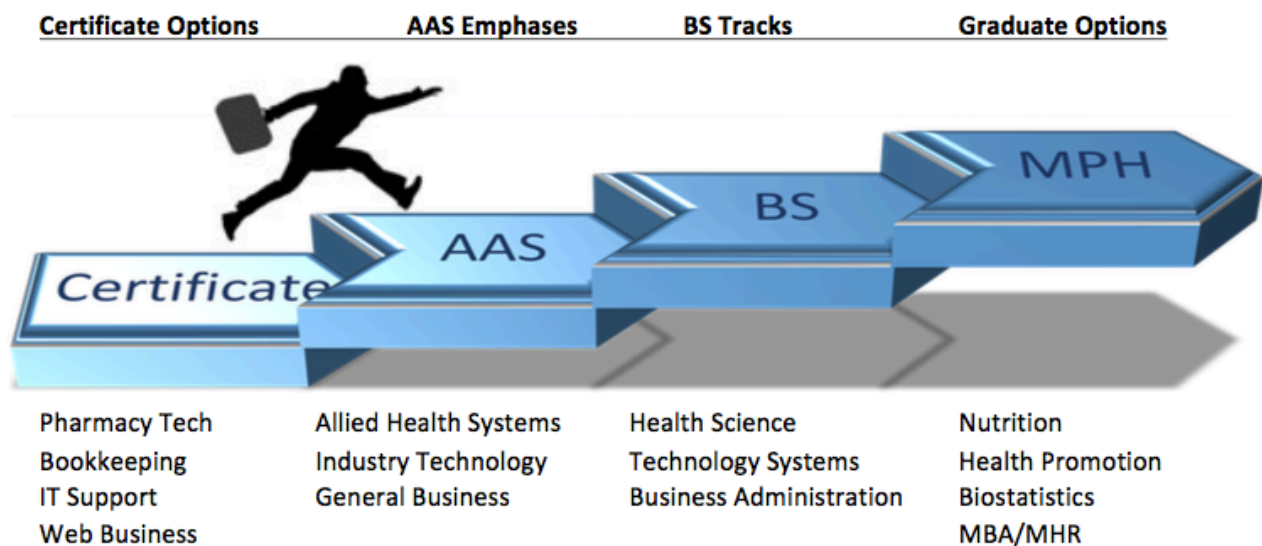
Institution: Utah State University - Moab

Consortium: Grand County School District, Beacon After-School Program

Requested Funding: \$113,000 Ongoing

Application Title: Life Sciences Stackable Credentials

Overview: This project will help to serve the life science and health care businesses in Southeast Utah. Grand County School District students will earn college credit, while still in high school. They will also enter a pathway that will allow them credential and degree programs that lead to meaningful employment.



SWI Applications 2017 Round

		Funding		
Proposed Project	Lead Applicant	Ongoing	One-time	Ave Score
Utah Aerospace Pathways Expansion	Ogden Weber ATC	\$220,449.00	\$340,586.00	47.50
Industrial Automation Technician Pathway	Salt Lake Community College	\$173,000.00	\$36,000.00	44.5
Manufacturing and Composites for Aerospace Industry	Granite School District	\$99,350.00	\$214,575.00	44.5
Web Development and Programming	Tooele Applied Technology College	\$250,000.00		44
Computer Science Pathway	Weber State University	\$285,000.00		43
Stackable Credentials in the Life Sciences for Southeast Utah	Utah State University-Moab	\$113,000.00		42.5
Diesel Technology Pathway	Jordan School District	\$29,706.00	\$149,881.00	40
Outdoor Products Pathway Development	Utah State University	\$239,900.00		36
Southern Utah Partnership for Technical Career Pathways	Southern Utah University	\$342,217.00		35
Auto Tech Stacks	Dixie Applied Technology College	\$220,000.00		33.5
Degree Completion Program for Adults	Dixie State University	\$192,000.00		29
Financial Services Stackable Credential Program	Alpine School District	\$40,000.00		29
Cyber Security Stackable Credential Program	Alpine School District	\$40,000.00		27
Digital Marketing Stackable Credential Program	Alpine School District	\$40,000.00		27
Mobile Development Stackable Credential Program	Mountainland Applied Technology College	\$150,000.00		27
Industrial Automation Pathway	Uintah Basin Applied Technology College	\$175,000.00		27